

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S35 and	US-PGPUB; USPAT	OR	ON	2006/12/19 17:00
L1	13359	(wellbore or borehole or downhole). ab.	US-PGPUB; USPAT	OR	ON	2006/12/20 14:43
L2	5	1 and (remote\$4 with power\$4 with optic\$4)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:26
L3	1	("6192980").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:26
L4	1	3 and battery	US-PGPUB; USPAT	OR	ON	2006/12/20 15:34
L5	1	3 and pulse	US-PGPUB; USPAT	OR	ON	2006/12/20 15:44
L6	170	(340/853.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/20 15:45
L7	30	6 and (high with temperature)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:45
S1	14	MALLISON near4 EDGAR.in.	US-PGPUB; USPAT	OR	ON	2006/03/02 19:14
S2	30	STRATTON near4 THOMAS.in.	US-PGPUB; USPAT	OR	ON	2006/03/02 19:14
S3	3	S2 and (well same monitor\$4)	US-PGPUB; USPAT	OR	ON	2006/03/02 19:21
S4	63	Tubel.in.	US-PGPUB; USPAT	OR	ON	2006/03/02 19:22
S5	51	S4 and (plurality same wells)	US-PGPUB; USPAT	OR	ON	2006/03/02 19:22
S6	1	("6192980").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 13:55
S7	0	S6 and non\$4cool\$4	US-PGPUB; USPAT	OR	ON	2006/12/19 13:56
S8	0	S6 and high\$4temparature	US-PGPUB; USPAT	OR	ON	2006/12/19 14:19
S9	1	(honeywell with HT83C51)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:20
S10	1	HT83C51	US-PGPUB; USPAT	OR	ON	2006/12/19 14:21
S11	1	HT6256	US-PGPUB; USPAT	OR	ON	2006/12/19 14:22
S12	1	HT1553P	US-PGPUB; USPAT	OR	ON	2006/12/19 14:24
S13	13359	(wellbore or borehole or downhole). ab.	US-PGPUB; USPAT	OR	ON	2006/12/20 14:43

## EAST Search History

S14	421	S13 and (high with temperature with environment)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:30
S15	5	S14 and (frequent with replacement)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:31
S16	6	S14 and (frequent with replace\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:49
S17	0	S13 and (hight with temperature with electronic\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:50
S18	111	S13 and (high with temperature with electronic\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:59
S19	1	"20050016770"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:00
S20	1	S19 and (high with temperature with electronic\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 15:23
S21	1	("6192980").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 15:24
S22	1	S21 and drill\$4	US-PGPUB; USPAT	OR	ON	2006/12/19 15:24
S23	1	S22 and environment	US-PGPUB; USPAT	OR	ON	2006/12/19 15:24
S24	0	S22 and (temperature with environment).	US-PGPUB; USPAT	OR	ON	2006/12/19 15:24
S25	1	S22 and temperature	US-PGPUB; USPAT	OR	ON	2006/12/19 16:13
S26	1	S22 and sensor	US-PGPUB; USPAT	OR	ON	2006/12/19 16:30
S27	0	S22 and multiplexer	US-PGPUB; USPAT	OR	ON	2006/12/19 16:32
S28	1	("20050016770").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 16:32
S29	0	S28 and multiplexer	US-PGPUB; USPAT	OR	ON	2006/12/19 16:32
S30	13359	(wellbore or borehole or downhole). ab.	US-PGPUB; USPAT	OR	ON	2006/12/19 16:57
S31	2337	S30 and (high with temperature)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:58
S32	112	S31 and multiplexer	US-PGPUB; USPAT	OR	ON	2006/12/19 16:58
S33	80	S32 and amplifier	US-PGPUB; USPAT	OR	ON	2006/12/19 16:58
S34	0	S33 and (AD with converter)	US-PGPUB; USPAT	OR	ON	2006/12/19 16:58
S35	29	S33 and (analog\$6digital with converter)	US-PGPUB; USPAT	OR	ON	2006/12/19 18:33

## EAST Search History

S36	1	("6192980").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 18:33
S37	1	S36 and acoustic\$4	US-PGPUB; USPAT	OR	ON	2006/12/19 18:33
S38	0	S36 and (acoustic\$4 with conver\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 18:33
S39	1	S37 and conver\$5	US-PGPUB; USPAT	OR	ON	2006/12/19 18:40
S40	0	S36 and transducer	US-PGPUB; USPAT	OR	ON	2006/12/19 18:40
S41	1	S36 and transducer	US-PGPUB; USPAT	OR	ON	2006/12/19 18:57
S42	0	S41 and anechoic	US-PGPUB; USPAT	OR	ON	2006/12/19 18:58
S43	1	("20050016770").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 18:59
S44	0	S43 and anechoic	US-PGPUB; USPAT	OR	ON	2006/12/19 18:59
S45	1	("7066280").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 18:59
S46	0	S45 and anechoic	US-PGPUB; USPAT	OR	ON	2006/12/19 18:59
S47	13359	(wellbore or borehole or downhole). ab.	US-PGPUB; USPAT	OR	ON	2006/12/19 19:35
S48	0	S47 and (anechoic with transducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S49	0	S47 and (anechoic same transducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S50	0	S47 and (echo with trnsducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S51	108	S47 and (echo with transducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S52	0	S47 and (non-echo with transducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S53	0	S47 and (no\$4echo with transducer)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:00
S54	0	S47 and anechoic	US-PGPUB; USPAT	OR	ON	2006/12/19 19:01
S55	0	S47 and anechoic	US-PGPUB; USPAT	OR	ON	2006/12/19 19:18
S56	0	S36 and (remotely with power\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:18
S57	0	S43 and (remotely with power\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:18

## EAST Search History

S58	0	S45 and (remotely with power\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:20
S59	13359	(wellbore or borehole or downhole). ab.	US-PGPUB; USPAT	OR	ON	2006/12/19 19:35
S60	176	S59 and (controller with remote\$4 with control\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:35
S61	45	S60 and (remote\$4 with power\$4)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:46
S62	0	S59 and (remote\$4 with turn\$4 with on with controller)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:47
S63	0	S59 and (wireless\$4 with power\$4 with on)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:47
S64	132	S59 and (wireless\$4 with power\$4)	US-PGPUB; USPAT	OR	ON	2006/12/20 14:43
S65	0	S59 and (wireless\$4 with turn\$4 with on)	US-PGPUB; USPAT	OR	ON	2006/12/19 19:48